

Applicant : Steven Blumenau et al.  
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Amendments to the Claims:

This listing of claims replaces all prior versions and listings of claims in the application:

Listing of Claims:

**1. (Currently Amended)** A data storage system comprising:

[[at least one]] a primary storage device partitioned into a plurality of volumes for storing data;

a first database including first configuration data for identifying which of a plurality of hosts coupled to the data storage system have authorized access to selected volumes of the [[at least one]] primary storage device;

a backup system having [[at least one]] a backup storage device for storing [[at least a portion of]] data stored on the primary storage device; and

a second database including second configuration data for identifying which of the plurality of hosts coupled to the data storage system have access to the [[at least one]] backup storage device, the second configuration data being independent of the first configuration data.

**2. (Currently Amended)** The data storage system of claim 1, wherein the [[at least one]] primary storage device, the first database, and the second database are part of an enterprise data storage system.

**3. (Currently Amended)** The data storage system of claim 2, further comprising a first adapter, the first adapter being configured to selectively forward to the [[at least one]] primary storage device, in response to the first configuration data, requests from the plurality of hosts for access to the plurality of volumes.

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4. (Currently Amended) The data storage system of claim 3, further comprising a second adapter, the second adapter being configured to selectively forward, in response to the second configuration data, requests from the plurality of hosts for access to the ~~[[at least one]]~~ backup storage device.
5. (Previously Presented) The data storage system of claim 3, wherein the first configuration data is stored in a configuration table including a plurality of records, each of the records having an identifier and information indicating which of the volumes are available to a host associated with the corresponding identifier, and wherein the request includes a source identifier identifying the host that initiated the request and an address to one of the plurality of volumes in the storage system.
6. (Previously Presented) The data storage system of claim 1, wherein the hosts are coupled to the data storage system by a Fibre Channel network, a request for access by one of the plurality of hosts being in a Fibre Channel protocol.
7. (Currently Amended) The data storage system of claim 1, wherein the ~~[[at least one]]~~ backup storage device operates under a SCSI protocol.
8. (Currently Amended) The data storage system of claim 7, wherein the ~~[[at least one]]~~ backup storage device ~~[[is]]~~ comprises a tape storage drive.
9. (Currently Amended) A method for managing access between a plurality of hosts and a backup system, the backup system being part of a data storage system including ~~[[at least one]]~~ a data storage device partitioned into a plurality of volumes, and a first database used by the hosts to determine which hosts have authorized access to the volumes, the method comprising:
- receiving, by the data storage system, a request from a host ~~[[at least one of the hosts]]~~  
for access to data stored on the backup system; and

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determining, in response to configuration data, that the host requesting access is authorized to access the portion of data stored on the backup system.

10. (Previously Presented) The method of claim 9, wherein the backup system includes a plurality of backup storage devices and the configuration data is stored in a configuration table including a plurality of records, each of the records having an identifier and information indicating which of the backup storage devices are available to a host associated with the corresponding identifier, and wherein the request includes a source identifier identifying the host that initiated the request, and an address to one of the backup storage devices; the method further comprising:

determining whether to service the request responsive to a portion of the configuration data associated with the source identifier and the address of the one of the backup storage devices.

11. (Previously Presented) The method of claim 9, wherein the hosts, data storage system and backup system are coupled by a Fibre Channel network, the method further including forwarding the request using a Fibre Channel protocol for access to a portion of data stored on the backup system over the Fibre Channel network.

12. (Previously Presented) The method of claim 9, wherein the backup system operates under a SCSI protocol.

13. (Currently Amended) The method of claim 12, wherein the backup system comprises a tape storage unit and the backup storage devices comprise ~~are~~ tape libraries.

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